

Converting Colors

`RYB(234, 177, 208)`

Have a look what the booklet for
RYB(234, 177, 208) contains.

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Color

R_YB(234, 177, 208)

Conversions

Conversions Part 1

Format	Color
Hex	EAB1D0
RGB	234, 177, 208
RGB Percent	92%, 69%, 82%
CMY	0.0824, 0.3059, 0.1843
CMYK	0.00, 0.24, 0.11, 0.08
HSL	327°, 58%, 81%
HSV	327°, 24%, 92%
XYZ	61.0390, 53.4908, 66.7822
YIQ	197.5770, 24.0210, 21.7250

Conversions

Conversions Part 2

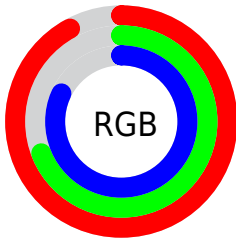
Format	Color
R_{YB}	234, 177, 208
Decimal	15380944
CIE _{Lab}	78.16, 25.50, -7.58
CIE _{LCh}	78, 26.602, 343.454
Yxy	53.4908, 0.3367, 0.2950
Android (android.graphics.Color)	4293571024 (0xFFEAB1D0)
YUV	197.5770, 5.1385, 31.9430
Hunter-Lab	73.1374, 20.9821, -2.9419

Details

The RYB color **234, 177, 208** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **177, 216, 234**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is **255, 233, 255**, and **178, 124, 154** is the 20% darker color. If you saturate the color by 10%, you get **234, 154, 197**, and if you desaturate by 10%, it is **234, 200, 219**.

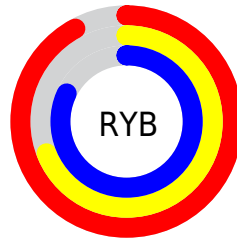
Distribution



Red (92%)

Green (69%)

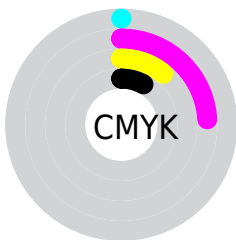
Blue (82%)



Red (92%)

Yellow (69%)

Blue (82%)

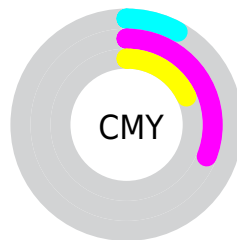


Cyan (0%)

Magenta (24%)

Yellow (11%)

Black (8%)



Cyan (8%)


Magenta (31%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 234, 177, 208 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 234, 177, 208 by changing the saturation by 10% instead.

 234, 177, 208

255, 255, 255

 255, 233, 255


 234, 177, 208


 205, 150, 180

 178, 124, 154

 150, 99, 128

 124, 74, 103

 98, 51, 79

 74, 28, 56

 50, 5, 34

 29, 0, 11

 0, 0, 0

■ 234, 177, 208

■ 234, 177, 208

■ 234, 154, 197

■ 234, 200, 219

■ 234, 130, 187

■ 234, 224, 229

■ 234, 107, 176

■ 234, 243, 247

■ 234, 83, 165

■ 234, 246, 255

■ 234, 60, 155

■ 234, 245, 255

■ 234, 37, 144

■ 234, 13, 133

■ 234, 0, 127

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



211, 183, 229



234, 177, 208



244, 176, 183

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



234, 177, 208



151, 200, 145



124, 169, 226

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



234, 177, 208



177, 216, 234

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



125, 167, 207



234, 177, 208



157, 202, 187

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



234, 177, 208



216, 224, 146



145, 185, 206



145, 180, 240

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



234, 177, 208



242, 180, 167



145, 185, 206



122, 167, 220

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



234, 177, 208



255, 237, 247



203, 177, 234



128, 117, 123



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



234, 177, 208



255, 181, 221



234, 177, 180



117, 106, 112



181, 0, 98



54, 0, 29

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



234, 177, 208



255, 181, 221



177, 206, 234



117, 106, 112



181, 0, 98



54, 0, 29

Previews

White Background



This preview shows how the RYB color 234, 177, 208 looks on a white background.

Color Contrast Check

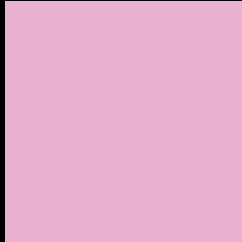
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 234, 177, 208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 234, 177, 208 Background



This preview shows how black text looks on a background with the RYB color 234, 177, 208.

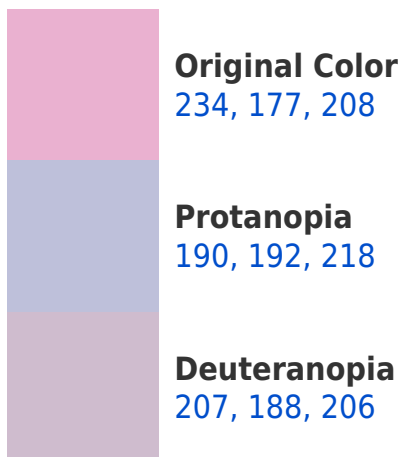



This preview shows how white text looks on a background with the RYB color 234, 177, 208.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
232, 180, 193

Trichromacy



Original Color
234, 177, 208

Protanomaly
206, 187, 214

Deuteranomaly
217, 184, 207

Tritanomaly
233, 179, 198

Monochromacy



Original Color
234, 177, 208

Achromatopsia
198, 198, 198

Achromatomaly
211, 190, 202

CSS Examples

Text

The CSS property to change the color of the text to RYB 234, 177, 208 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(234, 177, 208) looks like.

```
.text, #text, p{  
    color:rgb(234, 177, 208)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(234, 177, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 177, 208) }
```

Border

The CSS property to change the border of an element to RYB 234, 177, 208 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(234, 177, 208) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(234, 177, 208) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(234, 177, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 177, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 177, 208);  
box-shadow:4px 4px 4px 4px rgb(234, 177,  
208) }
```

Background

The CSS property to change the background color of an element to RYB 234, 177, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 177, 208) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(234,  
177, 208) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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